

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	South Parece Vela Basin and Ridge Province	Ocean or Sea:	Philippine Sea
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
		Yes				

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	14°00.11'N	134°25.35'E
	14°08.43'N	134°36.00'E
	14°06.69'N	134°50.70'E
	13°58.76'N	134°54.38'E
	13°36.11'N	134°56.51'E
	13°28.18'N	134°54.96'E
	13°06.30'N	134°57.09'E
	12°58.37'N	135°02.12'E
	12°44.82'N	134°59.61'E
	12°00.95'N	135°13.06'E
	11°48.30'N	135°18.99'E
	11°27.08'N	135°05.32'E
	11°26.75'N	134°31.25'E
	11°44.04'N	134°27.38'E
	11°57.97'N	134°28.93'E
	12°26.76'N	134°23.51'E
	12°44.82'N	134°21.19'E
13°02.63'N	134°24.28'E	
13°19.66'N	134°25.57'E	
13°33.46'N	134°24.02'E	
13°53.47'N	134°24.80'E	
14°00.11'N	134°25.35'E	

Feature Description:	Maximum Depth:	N/A	Steepness :	N/A
	Minimum Depth :	N/A	Shape :	N/A
	Total Relief :	N/A	Dimension/Size :	N/A

Associated Features:	Kyushu-Palau Ridge, Parece Vela Basin
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Because this province is located in the southern part of the Parece Vela Basin, we name it "South Parece Vela".
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Discovery Facts:	Discovery Date:	2002
	Discoverer (Individual, Ship):	The Japanese survey vessel "Shoyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Dec. 2006 May – Jun. 2007
	Survey Ship:	The Japanese survey vessel "Shoyo" (2006 and Jun. 2007) The Japanese survey vessel "Takuyo" (May – Jun. 2007)
	Sounding Equipment:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm (26 m)
	Survey Track Spacing:	
	Supporting material can be submitted as Annex in analog or digital form. Two multi-channel seismic profiles showing the rift structure of the feature are attached.	

Proposer(s):	Name(s):	JCUFN
	Date:	August 19, 2013
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department, Japan Coast Guard Aomi 2-5-18, Koto-ku, Tokyo 135- 0064, Japan
	Concurrer (name, e-mail, organization and address):	

Remarks:	<p>This province consists of combination of numerous small basins, ridges and associated escarpments. Multi-channel seismic profiles show clear evidence of development of syn-rift basins, including tilted horizons. Furthermore, the eastern edge of the province yield basalts with island arc affinity, suggesting that the province is within a extended region of the Kyushu-Palau Ridge, and ancient island arc of the Philippine Sea. These geological and geophysical data clearly suggest that this province is a fossil rift system.</p> <p>The South Parece Vela Rift Province may extend to the south of coordinates above.</p>
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NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located inside the external limit of the territorial sea :-**
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea :-**
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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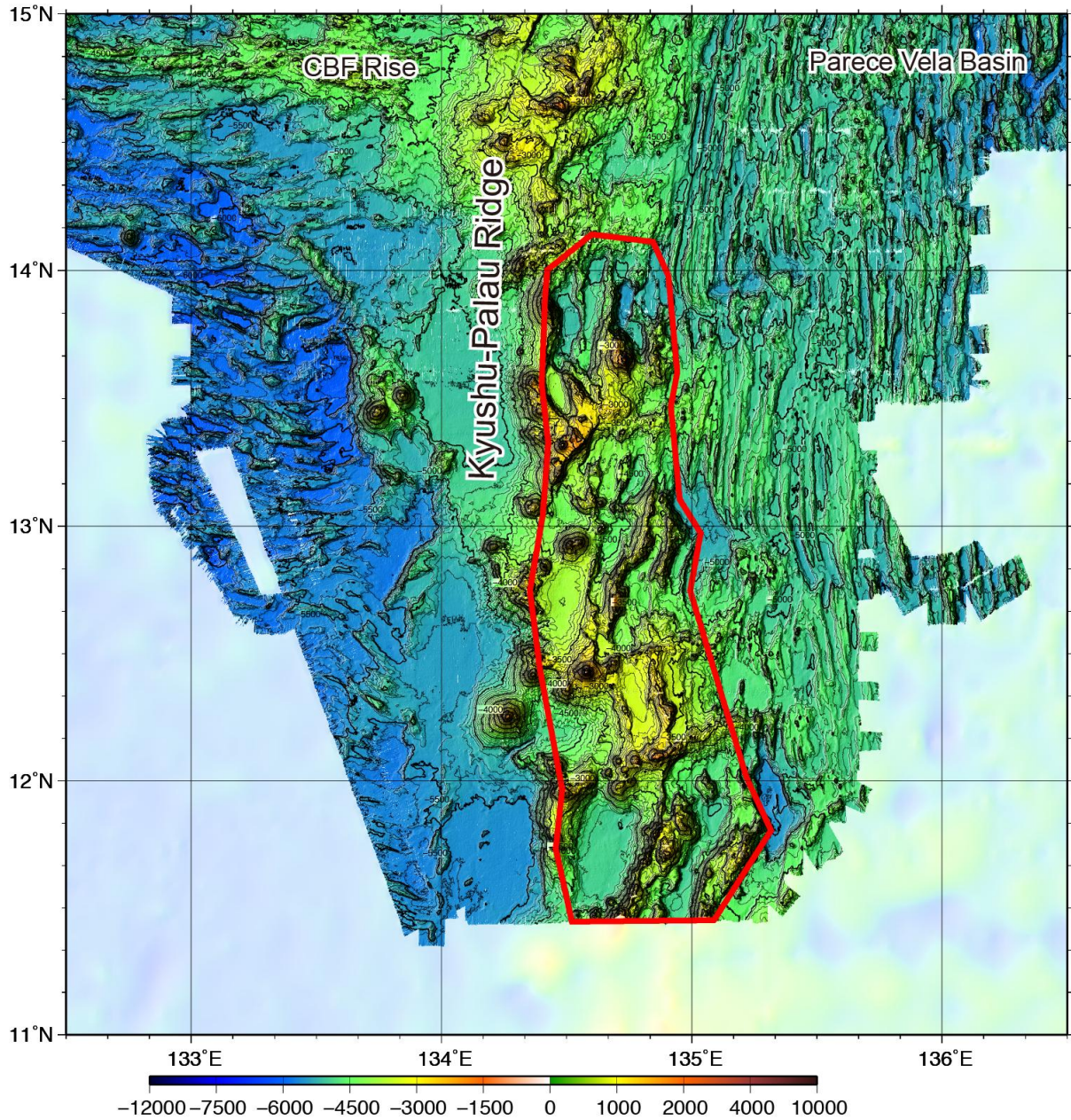


Fig. 1. Bathymetric map of the South Parece Vela Basin and Ridge Province. The bathymetric contour interval is 100 m.

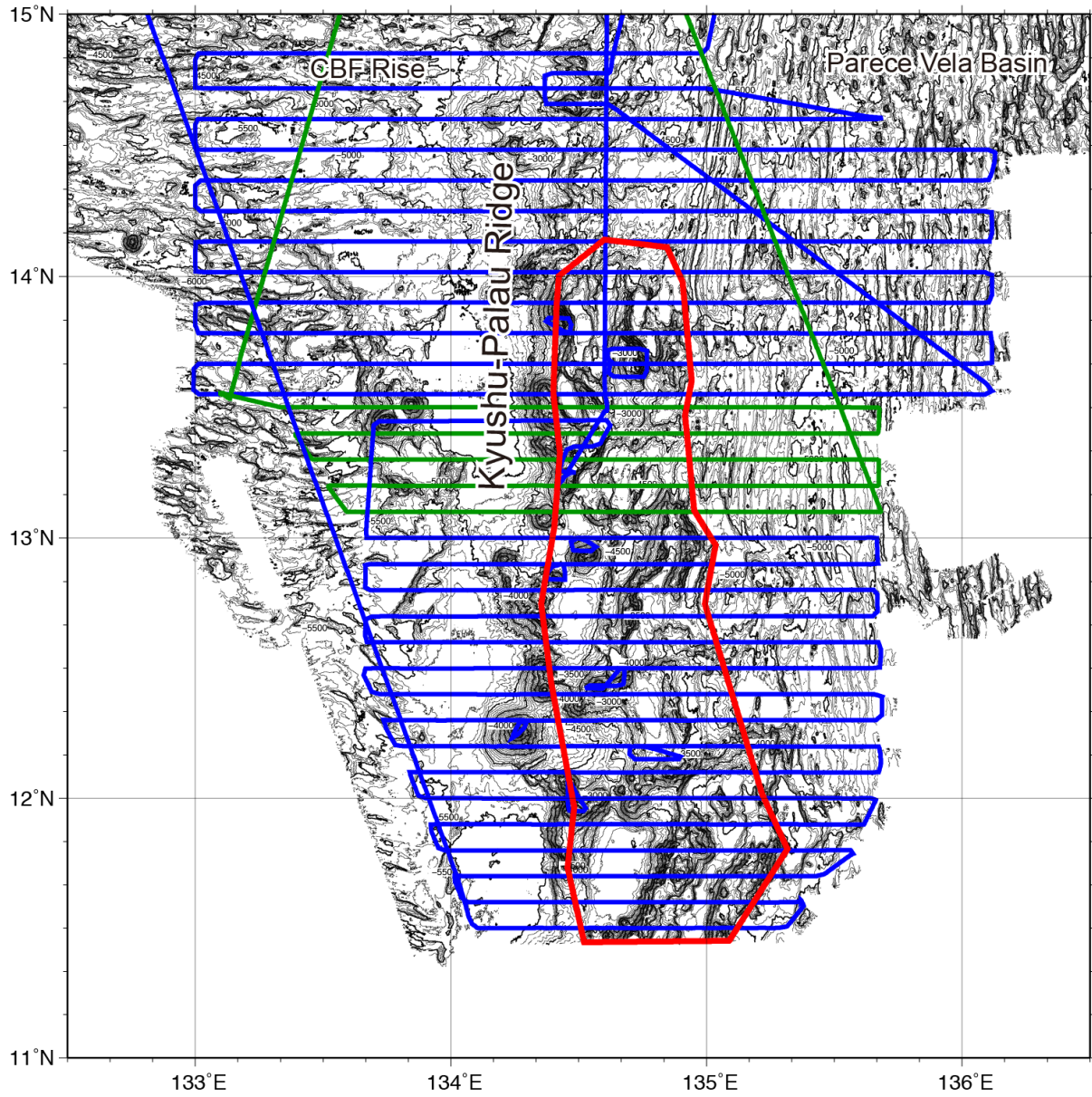


Fig. 2. Bathymetric map of the South Parece Vela Basin and Ridge Province, showing track lines. Tracklines in blue are surveys by the 'Shoyo', in green are surveys by 'Takuyo'. The bathymetric contour interval is 100 m.

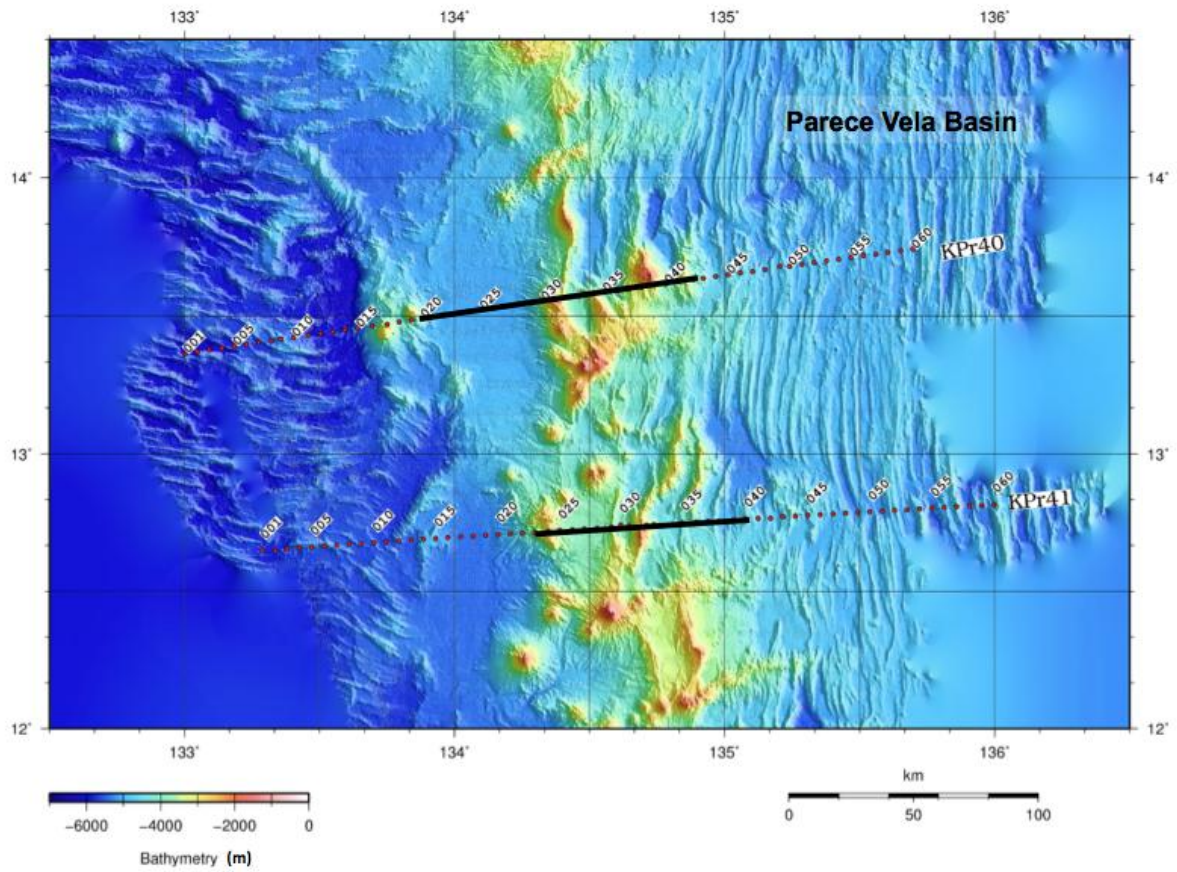


Fig. 3. Index map showing the locations of two multi-channel seismic survey lines (two dotted lines; KPr40 and KPr41) over the South Parece Vela Basin and Ridge Province. The thick black portions indicate the locations of Figs. 4 and 5.

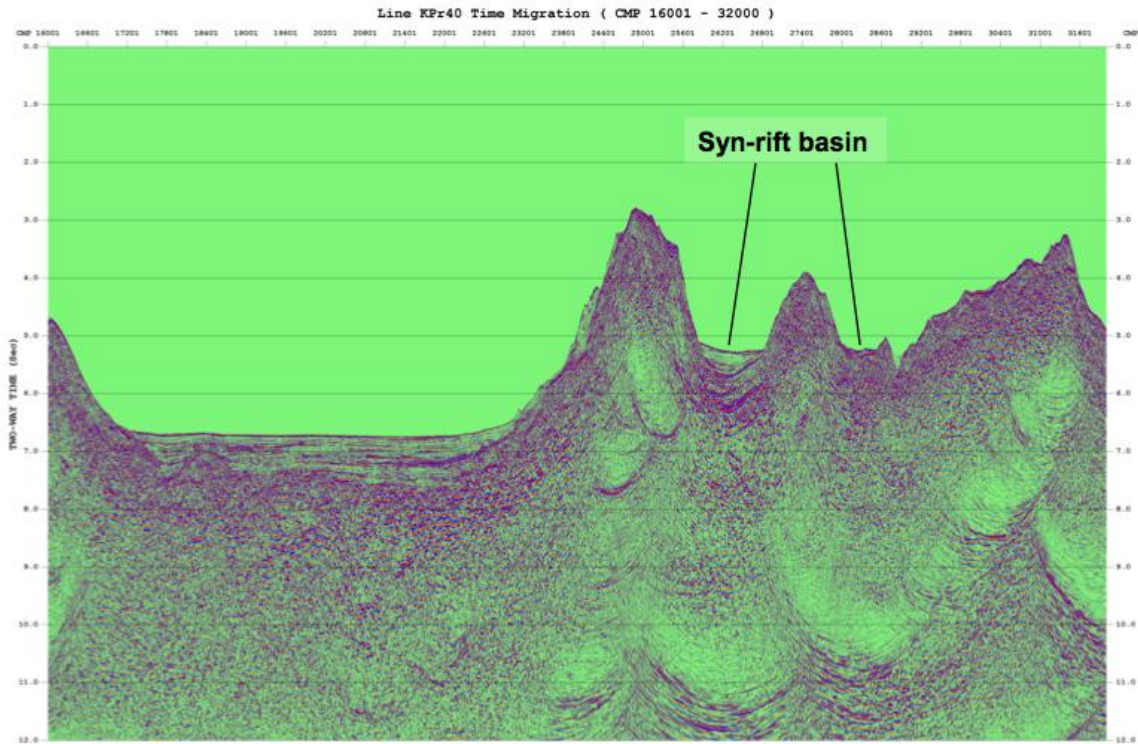


Fig. 4. Time migrated section of the line KPr40. Syn-rift basins are clearly identified on this profile.

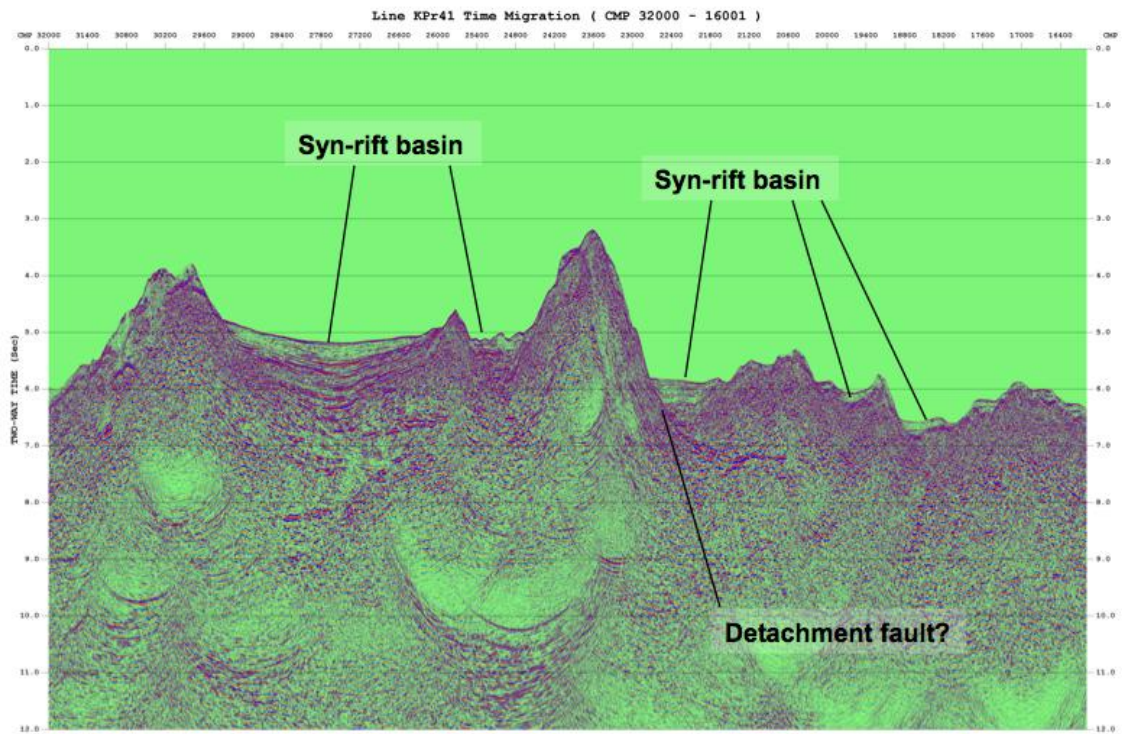


Fig. 5. Time migrated section of the line KPr41. Syn-rift basins are clearly identified on this profile. Possible detachment fault are also identified.